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U. S. Department of Agriculture.

SEASON 1924

Price List of
TREES
SHRUBS
PLANTS

All Arizona Grown



ARIZONA CYPRESS, U. OF A. CAMPUS

Monthan Brothers
 N U R S E R Y M E N

TUCSON, ARIZONA

NURSERIES: LA CIENEGA, VAIL, ARIZ.

SALESYARD: MENLO PARK, TUCSON

P. O. Box 686

PHONE 1548J

Notice to Customers

TERMS.—All orders are sent out C. O. D. except to customers who have established credit with us.

All mail orders from correspondents unknown to us, and who desire goods sent C. O. D. must be accompanied by at least one-third cash.

REPLACEMENTS.—All the trees we sell have been passed as healthy by the State Inspectors, and we take great pains to deliver them in good condition. With anything like fair treatment on the part of the purchaser there is no reason why any tree should fail to grow. However, if for some unknown reason, a tree should fail to start and grow we will undertake to replace it at half-price; on condition that the tree be planted not later than March 15th, and that we are notified as to the failure of the tree before June 1st of the same season.

This replacement offer however does not apply where the trees do not receive fair treatment at the customers hands (see black type on pages 4 and 5), or where trees are shipped or handled by carriers or others beyond our control, and only applies on trees purchased at our list prices, and not on trees sold at wholesale rates or by special quotations.

GUARANTEE.—We take every precaution to have each tree and plant true to label. If from any fault of ours a tree is not so, we will replace it free of charge, but it is to be understood that under no circumstances are we liable for more than the actual value of the tree or plant in question.

the sun possible during their blooming seasons in the Spring and Fall of the year. This does not mean, however, that climbing or other roses should be planted against a brick wall with a southern exposure, as in such a position the heat of the sun will surely burn them during the Summer. The pruning of roses when they are once established should never be neglected and while dormant about January they should be cut back severely. When they cease blooming in the early Summer they should receive another pruning, but this time a very light one, and from then, until the cool weather of the Summer rains arrives, their growth should be hindered by a somewhat stinted supply of water. This treatment will result in a profusion of bloom in the Fall of the year.

(7) About the end of September begin to prepare Evergreens for frost by applying very little water, in order to harden the young wood resulting from the rapid growth that takes place in the Fall of the year.

As soon as cold weather has set in, begin to irrigate the evergreens again, and continue to do so throughout the winter. This treatment of evergreens will prevent injury by frost, as far as it is possible to do so.

Why not buy Arizona-grown trees for Arizona planting? Is it not reasonable to suppose that a tree that has been raised in Arizona, and is handled direct from the nursery to the planter, is more likely to succeed under any circumstances, than one raised in some other locality that has been shipped-in by freight and handled by various dealers? Why buy shipped-in trees from some traveling salesman when you have a fifty-acre Home-Nursery right at your door, where you not only get the benefit of 17 years experience of tree-growing in Tucson, but you can see in advance what you are getting for your money, and select your own trees?

PRICE LIST OF TREES AND PLANTS SUITABLE FOR SOUTHERN ARIZONA

**THE FOLLOWING PRICES ARE FOR SINGLE
TREES—SPECIAL PRICES ON
QUANTITIES**

**SPECIMEN TREES, LARGER THAN THOSE
LISTED BELOW, AT SPECIAL PRICES**

**QUOTATIONS BY SIZE OF TREES INSTEAD OF
AGE MADE ON REQUEST**

DECIDUOUS TREES

THORNBUR COTTONWOOD (NO COTTON) —

Introduced by Prof. J. J. Thornber of the University of Arizona. Is very much superior to our native Cottonwood, growing more rapidly, and having a very much larger leaf and a clean silvery-white bark. It also sheds its leaves a month later in the Fall, and comes out two weeks earlier in the Spring. This is the best tree to plant where an extremely quick-growing, large shade tree is desired.

2 to 3 years\$1.00 to \$2.00

We originally introduced this tree to the trade, and have positively the only stock of genuine, guaranteed Thornber Cottonwoods for sale in Arizona.

TEXAS UMBRELLA — Well known popular shade tree. Dense, round, umbrella-shaped head, with dark green leaves.

2 to 3 years.....\$1.00 to \$2.00

ARIZONA ASH—A native of this country and the only Ash that will grow here. One of the best trees for street planting, and is used for this purpose all over the southwest.

2 to 3 years.....75c to \$1.50

Extra large Specimen trees.....\$2.00 to \$3.00

ARIZONA WALNUT—A large, spreading, native tree of dense foliage and of fairly rapid growth. Similar to the Black Walnut. Makes an excellent, hardy, long-lived shade tree. This is the tree which is being used so largely as a stock on which to graft the English and French Walnuts. The trees can be planted first and grafted after they are established.

2 to 3 years.....\$1.00 to \$2.00

RUSSIAN MULBERRY — The best Mulberry for shade. A very hardy quick-growing tree with large spreading head. Stands drought well. Fruit small and scanty.

2 to 3 years.....75c to \$1.50

Extra large Specimen trees.....\$2.00 to \$3.00

DOWNING MULBERRY — The best Mulberry for fruit. Grows rapidly and makes a good shade tree. Fruit large and plentiful.

2 to 3 years.....\$1.00 to \$2.00

FRUITLESS MULBERRY (KINGAN)—A guaranteed absolutely non-fruiting variety grafted on the Russian Mulberry. This tree, which originated with Judge S. L. Kingan of Tucson, has a particularly well shaped head. It blossoms in the Spring but does not set fruit.

2 to 3 years.....\$1.50 to \$2.50

WEeping RUSSIAN MULBERRY—A weeping tree of medium size and very graceful, with long slender branches drooping to the ground.

2 to 3 years.....\$2.00 to \$3.00.

- WEeping WILLOW — A well-known, highly-ornamental tree with drooping branches. Does well here with plenty of water.
 2 to 3 years.....75c to \$1.50
- LOMBARDY POPLAR—A tall, spire-like tree with dense bright-green foliage and large leaves. Grows very rapidly but requires plenty of water.
 2 to 3 years.....75c to \$1.50
- BALM OF GILEAD—A poplar with a broad spreading head, large leaves and greenish bark. A very fine tree. 2 to 3 years.....\$1.00 to \$2.00
- CAROLINA POPLAR — Has an upright pyramidal head and large, glossy, green leaves with white bark. A rapid grower under favorable conditions.
 2 to 3 years.....75c to \$1.50
- CATALPA—Has a spreading head with large heart-shaped leaves. Bears immense clusters of white and blue flowers freely in Spring.
 2 to 3 years.....\$1.00 to \$2.00
- BLACK LOCUST—A very hardy, quick-growing tree with spreading thorny branches, bearing white flowers in Spring. 2 to 3 years.....75c to \$1.50
- HONEY LOCUST—A rapid-growing ornamental tree with a loose, open head and acacia-like foliage. Is very graceful and extremely drought-resistant.
 2 to 3 years.....\$1.00 to \$2.00
- AILANTHUS (Tree of Heaven)—A purely ornamental tree with long fern-like leaves. Grows quickly.
 2 to 3 years.....\$1.00 to \$2.00
- ELM (Chinese)—A most promising new tree that has been growing for the last four years on the University campus. Has the appearance and habit of the American Elm, but is a rapid grower.
 2 to 3 years.....\$1.50 to \$2.50
- DÉSERT WILLOW—A native tree with fine willow-like foliage. Flowers profusely in the Spring.
 2 to 3 years.....\$1.00 to \$2.00
- ELDER (Native Mexican)—Very popular. Grows all Winter and is green by Christmas. Flowers in Spring. Can be trained as either tree or shrub.
 2 to 3 years.....75c to \$1.50

DECIDUOUS SHRUBS

- POMEGRANATE (Fruiting) — Very popular for hedges, bears excellent fruit.
 Per hundred.....\$10.00 to \$20.00
- POMERANATE (Flowering) — A handsome shrub with shining green leaves and large double red or variegated flowers.....75c to \$1.50
- TAMARISK—Very hardy. Has fine feathery foliage tipped with large spikes of small pink flowers. Will stand considerable alkali. Is useful for hedges or screens, and is very effective grown in clumps. Can be headed up as a tree if desired.....75c to \$1.50
- ALTHEA (Rose of Sharon)—A pretty, very free-flowering shrub blooming during the hot weather when flowers are scarce. Several colors.....75c to \$1.50
- SPIRÆA (Bridal Wreath) — Medium-sized, graceful, white-flowering shrub. Flowers profusely in the Spring.....75c to \$1.50
- LILAC—Can be grown successfully in this climate, but requires considerable care and attention and prefers some shade during the hot weather. White and purple.....75c to \$1.50
- LEMON VERBENA — An old-fashioned shrub grown chiefly for the fragrance of its foliage.....75c to \$1.50

EVERGREEN TREES

PEPPER TREE—One of the most popular evergreen trees throughout the Southwest wherever the frost is not too severe. The drooping, feathery foliage is particularly graceful. This tree is very sensitive to overwatering, especially when newly planted.

Grown in cans, 2 and 3 years.....75c to \$2.00

ARIZONA CYPRESS—A splendid native ornamental tree of pyramidal habit. Bluish-green foliage. A good grower and very hardy. When once established this tree will exist without irrigation, on our rainfall alone, although of course under such conditions the growth will be slow.

Grown in cans, 2 and 3 years.....75c to \$2.00

Balled, 4 to 6 feet.....\$2.50 to \$5.00

The three kinds of Cypress trees listed here deserve planting extensively. They are among the finest of ornamental evergreens and are never damaged by frost. Their style of foliage contrasts well with other trees, and they never fail to attract attention wherever planted. The campus of the University of Arizona has been planted extensively to these trees during the last few years, owing to their being so well adapted to the conditions prevailing there.

MONTEREY CYPRESS—The well-known Californian Cypress with dense, dark green foliage. Contrasts well with the Arizona Cypress.

Grown in cans, 2 and 3 years.....75c to \$1.50

ITALIAN CYPRESS (Pillar Cypress)—A tall, tapering form with branches growing parallel with the trunk.

Grown in cans, 2 and 3 years.....75c to \$1.50

Balled, 4 to 6 feet.....\$2.50 to \$5.00

ARBOR VITAE (Chinese) — A low, bushy, compact, symmetrical tree of pyramidal shape. An excellent ornamental for a small yard or for formal planting.

Balled, 2 to 4 feet.....\$2.00 to \$4.00

Specimens 6 to 8 feet.....Prices on application.

CASUARINA (Beefwood)—A rapid-growing, tall, upright tree with drooping branches, bearing dark green, needle-like leaves. A very handsome ornamental tree, growing well in any kind of soil. Is fairly hardy and stands considerable alkali.

Grown in cans, 2 and 3 years.....75c to \$1.50

EUCALYPTUS—We grow two varieties of these well known trees. (1) *E. Rudis* or the Desert Gum. (2) *E. Rostrata* or the Red Gum. These are the two best varieties for this climate. The *Rudis* is the more ornamental of these two varieties, while the *Rostrata* is the better timber tree.

Grown in cans, 2 and 3 years.....50c to \$2.00

In Flats of 100.....\$5.00

WEeping PITTOSPORUM—A very handsome medium-sized tree with drooping branches. Quite hardy.

Grown in cans, 2 and 3 years.....75c to \$1.50

- STERCULIA** (Bottle Tree or Australian Poplar)—Of upright tapering habit. Leaves change shape continually. An excellent tree for street planting. Grown in cans, 2 and 3 years.....75c to \$1.50
- PALO VERDE** (Bagote)—A curious native tree with bright green bark and feathery branches. Is covered with yellow flowers in the Spring. Is very ornamental and will stand extreme drought. Grown in cans, 2 and 3 years.....75c to \$1.50
- LOQUAT** — A low-growing Japanese fruit tree with large, rough, glaucous leaves. Balled, 2 and 3 years.....\$1.50 to \$2.00

EVERGREEN SHRUBS

- OLEANDER**—Most popular evergreen flowering shrub. We grow the two best varieties: double red and single-white. Balled.....\$1.00 to \$2.00
- JASMINE** (Primulinum) — Dark green drooping branches covered with bright yellow flowers. A semi-trailing plant that is handsome all the year round.....75c to \$1.50
- CALIFORNIA PRIVET**—The most common evergreen hedge plant. Per 100, Bare Roots.....\$10.00 to \$20.00
Specimens (balled).....\$1.00 to \$1.50
- JAPANESE PRIVET**—Has a larger leaf than the Cal. Privet, and is more persistently evergreen. Can be used either for a trimmed hedge or a tall screen. Both these Privets when planted alone make excellent specimen plants and can be trimmed into any shape desired. Per 100, Bare Reets.....\$15.00 to \$25.00
Specimens (balled).....\$1.00 to \$1.50
- EUNONYMUS** (Japonicus)—Very effective as a specimen shrub. Stands trimming well and makes a grand hedge plant. Grown in cans.....75c to \$1.50
- PITTOSPORUM** (tobira)—A low-growing ornamental shrub with dark green leaves. Grown in cans.....75c to \$1.50
- BURNING BUSH** (Crataegus pyracantha) — A thick thorny shrub with small glossy leaves. Bears white flowers followed by red berries which persist all winter. Grown in cans.....75c to \$1.50
- EVERGREEN TAMARISK** (Athel)—A new introduction from Algiers. Grayish-green foliage resembling somewhat the Arizona Cypress. Grows extremely rapidly, and can be used either as a tree or a shrub.....75c to \$1.50
- SPANISH BROOM** — Well-known yellow-flowering shrub. Very resistant to drought. Grown in cans.....75c to \$1.50
- LAVENDER** — For low hedges. Useful for edging walks. Per dozen.....\$1.50

PALMS

CALIFORNIA FAN PALM (*Washingtonia Filifera*)
—The only hardy, large-growing Fan Palm for this locality. A rapid grower. Can be used for street-planting, if desired.

Balled, 2 to 3 years.....\$1.00 to \$2.50
Extra large Specimens. Prices on application.

ORNAMENTAL DATE PALM (*Phoenix Canariensis*)—One of the handsomest of all Palms with dark green pinnate leaves. Is not quite so hardy as the Fan Palm and grows somewhat slower. Makes an excellent tub plant.

Balled, 2 to 4 years.....\$1.50 to \$3.50
Extra large Specimens. Prices on application.

CLIMBING PLANTS

VIRGINIA CREEPER—The hardiest and most rapid growing deciduous climber for our climate.....50c

BOSTON IVY—Differs from the Virginia Creeper in its habit of clinging closely to a wall or other flat surface. Does best in partial shade. Deciduous 50c

TRUMPET VINE — A strong-growing, deciduous vine with scarlet trumpet-shaped flowers.....50c

HONEYSUCKLE (Chinese) — Vigorous evergreen climber. Flowers white changing to yellow. Very fragrant.....50c and 75c

ENGLISH IVY—Well-known evergreen climber with dark, glossy, green leaves. Will cling to a wall without support. Rather slow-growing to begin with. Must have shade.....50c and 75c

ANTIGONON LEPTOPUS (Mountain Rose) — A climber from Mexico flowering all summer with racemes of rose-colored flowers two feet long.
.....50c and \$1.00

A SUGGESTION

Where "caliche" does not exist and there are no expensive holes to be dug, we suggest that it would be a highly profitable idea for the future, to plant a quantity of either Arizona Cypress or Eucalyptus trees (see page 9), provided one has sufficient unimproved land for the purpose. Planted in the form of groves, windbrakes or clumps, in the course of a few years these trees will make any place highly valuable and easily saleable. Small trees for this purpose grown in cans or pots are cheap, and since there is no shock in transplanting, such as larger trees undergo, will make a remarkable quick growth with sufficient irrigation. We will be glad to quote prices on trees for this purpose.

ROSES

We have small stocks of many other varieties in addition to those listed below. We have probably got the particular variety you are looking for. If you wish us to make a selection of varieties for you we will do our best to satisfy you.

1 year, 50 each; \$4.50 per 10
2 year, 75c each; \$6.50 per 10

RED—

American Beauty (rosy-crimson).
Crimson Queen (dark crimson).
Ecarlate (scarlet-red).
Eugene E. Marlitt (carmine-scarlet).
George Dickson (dark crimson).
Gruss and Tepliz (bright crimson).
His Majesty (deep-crimson).
J. B. Clark (deep-scarlet).
Mrs. A. R. Waddell (rosy-scarlet).
Red Radiance (crimson-scarlet).
Ulrich Brunner (cherry-red).

PINK—

F. R. Patzer (buff-pink).
George Ahrends (clear-pink).
La Detroit (shell-pink).
La France (silvery-pink).
Mlle Cecile Brunner (salmon-pink).
Mme. Caroline Testont (clear-pink).
Mrs. Chas. Bell (shell-pink).
Ophelia (salmon-flesh).
Radiance (rosy-carmine).
Wellesley (bright pink).

WHITE—

Bessie Brown (creamy-white).
Frau Carl Druschki (pure white).
Kaiserin A. V. (ivory-white).
White La France (pearl-white).

YELLOW—

Etoile de Lyon (sulphur-yellow).
Isabella Sprunt (bright yellow).
Lady Hillingdon (golden-yellow).
Souv. de Pierre Notting (apricot-yellow).
Sunburst (cadmium-yellow).

CLIMBING ROSES

75c each except where noted.

Cherokee (double white).
Christine Wright (pink).
Climb. American Beauty (rosy-crimson).
Climb. Cecile Brunner (salmon-pink).
Climb. Gruss an Teplitz (bright crimson).
Climb. Helen Gould (carmine).
Climb. Kaiserin A. V. (ivory-white).
Climb. Ophelia (salmon-flesh). \$1.00 each.
Climb. Papa Gontier (deep crimson).
Climb. Souv. de Wooton (crimson).
Climb. White Cochet (cream-white).
Dorothy Perkins (shell-pink).
Lamarque (pure white).
Marechal Neil (golden-yellow), \$1.00 each.
Red Dorothy Perkins (crimson-scarlet).
White Dorothy Perkins.

FRUIT TREES

In planting fruit trees in Southern Arizona the choice of varieties is very important. Many of the leading varieties in other parts of the country fail to fruit here even when the tree itself stands the climate. We grow our own trees from the roots up and bud or graft them from bearing trees.

PRICES—1 yr., 3-4 ft., 50c ea.; \$4.50 for 10; \$40 per 100
2 yr., 4-6 ft., 75c ea.; \$6.50 for 10; \$60 per 100

The rate per 10 and rate per 100 apply to trees of one kind only.

PEACH—Mayflower, Alexander, Foster, Champion, Elberta, Lovell, Early Crawford, Late Crawford, Salway, Krummel, Phillips Cling, W. Heath Cling.

APRICOT—Newcastle, Royal, Tilton, Moorpark.

PLUM—Climax, Burbank, Wickson, Satsuma, Damson.

NECTARINE—Advance, Stanwick.

ALMOND—Texas Prolific.

PEAR—Bartlett, Kieffer, Flemish Beauty, W. Bartlett.

APPLE—Gravenstein, Jonathan, W. W. Pearmain, Winesap, Transcendent Crab.

QUINCE—Champion.

FIG—Brown Turkey, Black Mission, White Adriatic.

POMEGRANATE—Wonderful, Papershell.

OLIVE—Mission, Manzanillo.

\$1.25 each; \$10.00 for 10

GRAFTED WALNUTS—The grafting of fruiting varieties of walnuts on the native Arizona stock has proved a great success, the trees growing and bearing well. We have a limited number of Franquette, Mavette and Eureka Walnuts grafted on Native Walnut stocks.

This is the first time that fruiting walnuts grafted on the native Arizona stock have been offered for sale in Arizona.....\$2.50 to \$3.50 each

GRAPES — Thompson's Seedless, Malaga, Muscat, Mission, Tokay, Black Morocco, Concord.

1 year.....25c each; \$2.00 per 10; \$10.00 per 100

2 year.....50c each; \$4.00 per 10; \$20 per 100

BLACKBERRIES.....15c each; \$1.25 per 10

DEWBERRIES.....20c each; \$1.50 per 10

STRAWBERRIES (Everbearing)—

75c per doz.; \$2.50 per 100; \$15.00 per 1000

Owing to neglect on the part of some of our customers to cut fruit trees back properly after planting; an operation that is absolutely necessary to success with the trees, we ourselves will cut back, ready for planting, all fruit trees before delivery, *unless we are requested not to do so.*

BEDDING PLANTS (at Proper seasons)

These plants are not lifted from seed beds, but are grown individually in 2 and 3 inch pots. All leading varieties. Should seed-bed stock be desired we can supply it at a cheaper rate.

\$1.00 per dozen, except as noted.

Quantity price on application.

Aster	Shasta Daisy
Hollyhock	Snapdragon
Pansy	Verbena
Petunia	Violet

Carnation, \$1.50 per doz.

Chrysanthemum, \$1.50 per doz.

Geranium, \$2.00 per doz.

Cannas, 20c each; \$2.00 per doz.

Dahlias, 25c each; \$2.50 per doz.

VEGETABLE PLANTS (at proper seasons)

Asparagus roots, 50c per doz.; \$2.00 per 100.

Cabbages, 35c per doz.; \$1.00 per 100; \$5.00 per 1000.

Cauliflower, 40c per doz.; \$1.50 per 100.

Egg Plant (in pots), \$1.00 per doz.

Pepper (Chile), 50c per doz.; \$1.50 per 100; \$5.00 per 1000.

Pepper (Bull nose) in pots, \$1.00 per doz.

Sweet Potatoes, 50c per doz.; \$1.50 per 100; \$6.00 per 1000.

Tomatoes, 50c per doz.; \$1.50 per 100; \$6.00 per 1000.

Tomatoes, in pots, \$1.00 per doz.

HOUSE PLANTS

We can usually supply a variety of choice potted plants suitable for house decoration.

Description and prices on application.

MISCELLANEOUS PLANTS

Pampas Grass (field clumps).....\$1.00

Yuccas (several varieties) balled.....\$1.00 to \$2.50

Lippia repens for lawns) per sack.....\$3.00

(One sack will plant about 500 square feet).

We particularly recommend the following trees:—

For Ornamentals — Arizona or Italian Cypress (page 9).

For Shade — Thornber Cottonwood or Fruitless Mulberry (page 7).

For Street-planting — Arizona Ash (page 7), or Balm of Gilead (page 8).

For Hedges — California or Japanese Privet (page 10).

For Shrubbery — Oleanders or Pittosporum (page 10).

